

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
 Data File : BG060918.D
 Acq On : 17 Apr 2024 13:10
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 01:51:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 18 01:47:49 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	44017	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	173544	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	140592	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	373100	20.000	ng	0.00
76) Chrysene-d12	21.574	240	375134	20.000	ng	0.00
86) Perylene-d12	24.700	264	438075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	53456	21.095	ng	0.00
7) Phenol-d6	7.103	99	71894	19.694	ng	0.00
23) Nitrobenzene-d5	9.094	82	75039	19.630	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	47312	20.370	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	197938	20.660	ng	0.00
79) Terphenyl-d14	19.935	244	462193	21.503	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.454	88	11728	11.449	ng	91
3) Pyridine	3.842	79	32684	10.041	ng	94
4) n-Nitrosodimethylamine	3.760	42	20959	10.077	ng	# 89
6) Aniline	7.267	93	44944	10.105	ng	94
8) 2-Chlorophenol	7.508	128	29264	10.151	ng	98
9) Benzaldehyde	7.079	77	21240m	10.846	ng	
10) Phenol	7.132	94	36190	9.892	ng	98
11) bis(2-Chloroethyl)ether	7.361	93	28471	10.033	ng	91
12) 1,3-Dichlorobenzene	7.831	146	31555	10.302	ng	96
13) 1,4-Dichlorobenzene	7.978	146	32224	10.276	ng	99
14) 1,2-Dichlorobenzene	8.295	146	30142	9.885	ng	93
15) Benzyl Alcohol	8.172	79	29970	9.544	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.472	45	67959	9.909	ng	99
17) 2-Methylphenol	8.384	107	27940	9.665	ng	95
18) Hexachloroethane	9.030	117	11411	10.248	ng	87
19) n-Nitroso-di-n-propyla...	8.742	70	26676	9.593	ng	# 97
20) 3+4-Methylphenols	8.701	107	38531	9.608	ng	97
22) Acetophenone	8.760	105	49501	10.016	ng	# 97
24) Nitrobenzene	9.136	77	37238	9.926	ng	98
25) Isophorone	9.659	82	67814	9.613	ng	97
26) 2-Nitrophenol	9.847	139	14841	9.416	ng	# 86
27) 2,4-Dimethylphenol	9.911	122	27500	9.903	ng	94
28) bis(2-Chloroethoxy)met...	10.146	93	40259	10.149	ng	99
29) 2,4-Dichlorophenol	10.381	162	31125	10.331	ng	96
30) 1,2,4-Trichlorobenzene	10.599	180	33090	10.246	ng	# 87
31) Naphthalene	10.787	128	94538	10.073	ng	99
32) Benzoic acid	9.988	122	19677m	8.742	ng	
33) 4-Chloroaniline	10.887	127	43633	9.919	ng	94
34) Hexachlorobutadiene	11.080	225	23321	10.158	ng	94
35) Caprolactam	11.633	113	10456	9.406	ng	96
36) 4-Chloro-3-methylphenol	12.009	107	35173	9.659	ng	95
37) 2-Methylnaphthalene	12.397	142	70275	9.897	ng	91
38) 1-Methylnaphthalene	12.614	142	66846	9.972	ng	99
40) 1,2,4,5-Tetrachloroben...	12.761	216	44799	10.326	ng	98
41) Hexachlorocyclopentadiene	12.749	237	20660	9.313	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	30041	9.958	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	36741	10.099	ng	100
46) 1,1'-Biphenyl	13.401	154	95388	9.978	ng	96
47) 2-Chloronaphthalene	13.442	162	72005	9.841	ng	94
48) 2-Nitroaniline	13.642	65	28304	9.427	ng	97
49) Acenaphthylene	14.288	152	125378	10.134	ng	99
50) Dimethylphthalate	14.024	163	113872	10.207	ng	100
51) 2,6-Dinitrotoluene	14.136	165	21501	9.456	ng	98
52) Acenaphthene	14.635	154	75942m	10.121	ng	
53) 3-Nitroaniline	14.465	138	24632	9.868	ng	# 90
54) 2,4-Dinitrophenol	14.670	184	8918	11.158	ng	91
55) Dibenzofuran	14.970	168	128753	10.158	ng	97
56) 4-Nitrophenol	14.776	139	18035	9.437	ng	95
57) 2,4-Dinitrotoluene	14.923	165	30826	9.487	ng	# 92
58) Fluorene	15.616	166	108203	10.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	33974	10.165	ng	98
60) Diethylphthalate	15.393	149	112116	10.033	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	58869	10.101	ng	97
62) 4-Nitroaniline	15.622	138	27626	10.293	ng	92
63) Azobenzene	15.904	77	105707	10.037	ng	99
65) 4,6-Dinitro-2-methylph...	15.687	198	16689	8.018	ng	97
66) n-Nitrosodiphenylamine	15.828	169	102150	9.974	ng	97
67) 4-Bromophenyl-phenylether	16.509	248	40629	9.721	ng	94
68) Hexachlorobenzene	16.621	284	44918	9.877	ng	95
69) Atrazine	16.774	200	39210	10.652	ng	98
70) Pentachlorophenol	16.968	266	28376	9.213	ng	92
71) Phenanthrene	17.355	178	191271	10.128	ng	99
72) Anthracene	17.449	178	196872	10.149	ng	99
73) Carbazole	17.714	167	174577	10.329	ng	99
74) Di-n-butylphthalate	18.290	149	209827	10.312	ng	99
75) Fluoranthene	19.371	202	252386	10.500	ng	100
77) Benzidine	19.547	184	87684	10.597	ng	98
78) Pyrene	19.729	202	259886	10.099	ng	99
80) Butylbenzylphthalate	20.634	149	92437	9.780	ng	99
81) Benzo(a)anthracene	21.556	228	264222	9.974	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	94282	9.995	ng	100
83) Chrysene	21.621	228	256528	10.142	ng	98
84) Bis(2-ethylhexyl)phtha...	21.492	149	138763	9.928	ng	99
85) Di-n-octyl phthalate	22.679	149	239214	9.919	ng	99
87) Indeno(1,2,3-cd)pyrene	28.237	276	295743	9.763	ng	# 94
88) Benzo(b)fluoranthene	23.707	252	250563	10.109	ng	97
89) Benzo(k)fluoranthene	23.777	252	251287	9.910	ng	97
90) Benzo(a)pyrene	24.547	252	242692	9.931	ng	99
91) Dibenzo(a,h)anthracene	28.301	278	243681	9.772	ng	99
92) Benzo(g,h,i)perylene	29.330	276	239352	9.818	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

